



America

Eurofins TestAmerica, Chicago 2417 Bond Street University Park, IL 60484 Tel: (708)534-5200

Laboratory Job ID: 500-190987-1

Client Project/Site: Kewanee Dierzen SIte

For:

Tetra Tech EM Inc. 1 South Wacker Drive 37 Floor Ste. 3700 Chicago, Illinois 60606

Attn: Andre Baker

Authorized for release by: 11/12/2020 3:56:10 PM

Jim Knapp, Project Manager II

(630)758-0262

Jim.Knapp@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Tetra Tech EM Inc. Project/Site: Kewanee Dierzen SIte Laboratory Job ID: 500-190987-1

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Case Narrative

Client: Tetra Tech EM Inc. Job ID: 500-190987-1

Project/Site: Kewanee Dierzen SIte

Job ID: 500-190987-1

Laboratory: Eurofins TestAmerica, Chicago

Narrative

Job Narrative 500-190987-1

Comments

No additional comments.

Receipt

The samples were received on 11/12/2020 1:11 PM; the samples arrived in good condition, and where required, properly preserved and on ice.

Subcontract non-Sister

See attached subcontract report.

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Report for:

Jim Knapp TestAmerica-University Park, IL 2417 Bond St. University Park, IL 60466

Project: 1168715 ETH-20 EML ID: 2519057 Regarding:

Approved by:

Cluster Leader Dr. Kamash Pillai Dates of Analysis: Asbestos PLM: 11-11-2020

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267) NVLAP Lab Code 600194-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K, LLC

EMLab ID: 2519057, Page 1 of 3

Eurofins EMLab P&K

1815 West Diehl Road, Suite 800, Naperville, IL 60563 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: TestAmerica-University Park, IL

C/O: Jim Knapp Re: 1168715 ÊTH-20 Date of Receipt: 11-09-2020 Date of Report: 11-12-2020

ASBESTOS PLM REPORT

Total Samples Submitted: 6

Total Samples Analyzed: 6

Total Samples with Layer Asbestos Content > 1%:

Location: Kew-Bulk-001-200611

Location: Kew-Bulk-001-200611	Lab ID-Version‡: 12001010-1
Sample Layers	Asbestos Content
White Insulation	40% Amosite
Sample Composite Homogeneity:	Moderate

Location: Kew-Bulk-002-200611	Lab ID-Version‡: 12001011-1
Sample Layers	Asbestos Content
Light Brown Pipe Insulation	40% Chrysotile
Gray Wrap	ND
Composite Non-Asbestos Content:	25% Cotton
Sample Composite Homogeneity:	Moderate

Location: Kew-Bulk-003-200611	Lab ID-Version‡: 12001012-1
Sample Layers	Asbestos Content
White Pipe Insulation	40% Amosite
Sample Composite Homogeneity:	Good

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. Eurofins EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

EMLab P&K, LLC EMLab ID: 2519057, Page 2 of 3

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Eurofins EMLab P&K

Lab ID-Version : 12001014-1

Lab ID-Version : 12001015-1

1815 West Diehl Road, Suite 800, Naperville, IL 60563 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: TestAmerica-University Park, IL

C/O: Jim Knapp

Re: 1168715 ETH-20

Date of Receipt: 11-09-2020

Date of Report: 11-12-2020

ASBESTOS PLM REPORT

Location: Kew-Bulk-004-200611Lab ID-Version‡: 12001013-1

Sample Layers	Asbestos Content
Light Gray Transite	12% Chrysotile
Sample Composite Homogeneity:	Good

Location: Kew-Bulk-005-200611

Sample Layers	Asbestos Content
Light Gray Transite	12% Chrysotile
Sample Composite Homogeneity:	Good

Location: Kew-Bulk-006-200611

Sample Layers	Asbestos Content
White Non-Fibrous Material	ND
Sample Composite Homogeneity:	Good

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EMLab P&K, LLC EMLab ID: 2519057, Page 3 of 3

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